

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003463.D
 Acq On : 02 Nov 2020 10:55
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 02 11:51:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	217188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	277445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	146538	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	43777	20.10	ug/l	0.00
Spiked Amount			Recovery	=	40.20%	
35) Dibromofluoromethane	7.73	113	36856	19.95	ug/l	0.00
Spiked Amount			Recovery	=	39.90%	
50) Toluene-d8	10.18	98	156313	20.24	ug/l	0.00
Spiked Amount			Recovery	=	40.48%	
62) 4-Bromofluorobenzene	12.48	95	50808	19.19	ug/l	0.00
Spiked Amount			Recovery	=	38.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	37769	22.390	ug/l	98
3) Chloromethane	2.12	50	47650	20.406	ug/l	98
4) Vinyl Chloride	2.26	62	53866	21.133	ug/l	99
5) Bromomethane	2.65	94	45885	19.004	ug/l	97
6) Chloroethane	2.80	64	32218	20.759	ug/l	99
7) Trichlorofluoromethane	3.13	101	67221	21.268	ug/l	98
8) Diethyl Ether	3.54	74	20791	20.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37464	21.278	ug/l	99
10) Methyl Iodide	4.10	142	28641	27.638	ug/l	98
11) Tert butyl alcohol	4.98	59	28203	133.285	ug/l #	93
12) 1,1-Dichloroethene	3.88	96	37025	21.335	ug/l	96
13) Acrolein	3.74	56	19942	101.015	ug/l	100
14) Allyl chloride	4.49	41	67792	21.849	ug/l	99
15) Acrylonitrile	5.19	53	53902	107.264	ug/l	99
16) Acetone	3.96	43	66363	115.926	ug/l	97
17) Carbon Disulfide	4.21	76	118972	21.031	ug/l	98
18) Methyl Acetate	4.49	43	28422	21.957	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	90981	20.108	ug/l	100
20) Methylene Chloride	4.73	84	42027	18.094	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	42270	20.819	ug/l	96
22) Diisopropyl ether	6.13	45	121587	21.155	ug/l	97
23) Vinyl Acetate	6.08	43	448970	106.163	ug/l	99
24) 1,1-Dichloroethane	6.04	63	74982	20.941	ug/l	99
25) 2-Butanone	7.00	43	88962	111.873	ug/l	97
26) 2,2-Dichloropropane	6.99	77	69668	21.564	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	46416	20.612	ug/l	99
28) Bromochloromethane	7.34	49	35465	20.205	ug/l	100
29) Tetrahydrofuran	7.36	42	49887	110.142	ug/l	99
30) Chloroform	7.52	83	73550	20.367	ug/l	98
31) Cyclohexane	7.80	56	68838	21.452	ug/l #	93
32) 1,1,1-Trichloroethane	7.72	97	69786	21.015	ug/l	98
36) 1,1-Dichloropropene	7.93	75	59893	20.607	ug/l	100
37) Ethyl Acetate	7.09	43	37571	21.872	ug/l	99
38) Carbon Tetrachloride	7.91	117	63065	20.754	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	66641	20.802	ug/l	99
40) Benzene	8.17	78	169355	20.628	ug/l	100
41) Methacrylonitrile	7.33	41	19119m	21.882	ug/l	
42) 1,2-Dichloroethane	8.25	62	53849	20.669	ug/l	100
43) Isopropyl Acetate	8.28	43	67398	21.055	ug/l	100
44) Trichloroethene	8.94	130	46389	19.310	ug/l	98
45) 1,2-Dichloropropane	9.22	63	42557	20.395	ug/l	98
46) Dibromomethane	9.32	93	23073	19.593	ug/l	99
47) Bromodichloromethane	9.50	83	57649	19.949	ug/l	99
48) Methyl methacrylate	9.30	41	32001	21.123	ug/l	97
49) 1,4-Dioxane	9.31	88	5729	408.392	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	178927	105.029	ug/l	99
52) Toluene	10.25	92	105058	19.949	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	60684	19.752	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	67536	19.642	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	32871	19.571	ug/l	98
56) Ethyl methacrylate	10.51	69	43100	19.108	ug/l	99
57) 1,3-Dichloropropane	10.80	76	57978	19.926	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	118206	100.761	ug/l	99
59) 2-Hexanone	10.83	43	129649	106.754	ug/l	97
60) Dibromochloromethane	10.99	129	40574	19.165	ug/l	99
61) 1,2-Dibromoethane	11.09	107	31829	19.705	ug/l	97
64) Tetrachloroethene	10.72	164	44331	18.217	ug/l	98
65) Chlorobenzene	11.52	112	112824	20.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	42284	20.171	ug/l	100
67) Ethyl Benzene	11.60	91	203540	20.545	ug/l	99
68) m/p-Xylenes	11.71	106	154228	40.816	ug/l	100
69) o-Xylene	12.03	106	71028	20.068	ug/l	100
70) Styrene	12.05	104	120072	19.978	ug/l	99
71) Bromoform	12.21	173	27915	19.954	ug/l #	100
73) Isopropylbenzene	12.33	105	197831	21.388	ug/l	100
74) N-amyl acetate	12.14	43	55233	20.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	41282	22.758	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	31445m	23.946	ug/l	
77) Bromobenzene	12.61	156	49874	20.380	ug/l	99
78) n-propylbenzene	12.67	91	234014	21.281	ug/l	100
79) 2-Chlorotoluene	12.76	91	128776	20.878	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	165978	21.041	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	14809	21.948	ug/l	99
82) 4-Chlorotoluene	12.86	91	135015	20.649	ug/l	100
83) tert-Butylbenzene	13.08	119	146420	21.283	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	165018	20.717	ug/l	98
85) sec-Butylbenzene	13.25	105	200068	21.103	ug/l	99
86) p-Isopropyltoluene	13.37	119	184496	20.536	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	93154	20.011	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	94824	20.441	ug/l	99
89) n-Butylbenzene	13.70	91	169033	20.572	ug/l	100
90) Hexachloroethane	13.96	117	31165	21.923	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	85031	20.524	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7583	22.120	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	60465	19.691	ug/l	99
94) Hexachlorobutadiene	15.11	225	40086	20.030	ug/l	98
95) Naphthalene	15.23	128	116082	21.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	54110	20.232	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

